MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY 1955

GIORGIO CONTINO, ACTING DIRECTOR

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WEATHER BUREAU

MAY 1955

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	55.5	54.9	55.1	55.2	22.7	14.7	19.9	22.4	17.0	19.8
2	54.3	54.0	54.2	54.2	21.7	12.8	20.2	19.8	17.2	19.1
3	54.9	55.7	56.6	55.7	21.1	12.4	18.2	20.0	16.7	18.3
4	59.0	60.2	62.0	60.4	21.5	14.4	18.3	20.0	17.5	18.6
5	64.6	64.6	65.0	64.7	23.0	15.3	20.2	22.8	17.4	20.1
6	65.0	64.2	64.1	64.4	22.4	16.4	20.2	21.9	18.3	20.1
7	64.2	62.7	63.4	63.4	23.4	18.4	20.9	23.1	19.2	21.1
8	62.2	61.3	60.2	61.2	28.4	24.2	23.3	26.7	24.3	24.8
9	59.1	57.6	58.3	58.3	29.3	18.8	25.3	23.1	20.8	23.1
10	59.4	59.6	59.8	59.6	25.0	17.4	22.2	24.4	20.3	22.3
11	60.8	59.9	60.7	60.5	25.7	17.6	22.1	24.9	20.2	22.4
12	60.4	60.1	59.5	60.0	24.8	18.3	22.3	23.3	19.4	21.7
13	59.5	59.4	59.6	59.5	24.5	16.8	22.5	22.3	19.1	21.3
14	59.4	59.1	59.6	59.4	25.3	17.3	21.9	25.0	19.5	22.1
15	59.9	59.7	60.2	59.9	25 5	18.6	22.2	25.0	19.8	22.3
16	60.9	61.3	61.8	61.3	24.2	18.5	21.8	23.6	19.4	21.6
17	61.6	61.3	61.1	61.3	24.4	19.2	21.8	22.5	20.5	21.6
18	61.0	60.5	60.6	60.7	25.3	20.2	23.7	24.4	21.6	23.2
19	60.7	59.5	59.9	60.0	26.1	20.2	23.6	25.6	21.7	23.6
20	60.3	60.0	59.7	60.0	26.7	19.1	23.3	23.5	20.5	22.4
21	59.7	59.5	59.8	59.7	26.7	19.1	23.3	26.0	21.1	23.5
22	60.5	60.1	60.4	60.3	27.3	19.2	23.8	27.2	21.1	24.0
23	60.2	59.6	59.1	59.6	27.3	20.9	22.8	27.1	21.8	23.9
24	58.1	57.8	58.4	58.1	27.2	19.2	24.4	26.7	21.7	24.3
25	59.8	60.8	61.4	60.7	27.0	18.3	23.4	26.7	20.5	23.5
26	63.2	63.5	63.6	63.4	26.2	19.6	23.6	25.2	21.4	23.4
27	63.0	62.4	62.4	62.6	27.9	20.1	24.4	27.2	22.1	24.6
28	60.3	60.1	59.4	59.9	28.2	20 2	25.7	26.8	22 4	25.0
29	58.6	58.2	58.3	58.4	28.5	20.5	24.9	28.0	22.8	25.2
30	58.5	58.4	58.5	58.5	29.2	21.1	25.7	28.3	23.3	25.8
31	58.9	58.7	59.1	58.9	29.0	21.6	25.6	28.5	23.4	25.8
	60.11	59.83	60.06	59.99	25.66	18.40	22.63	24.58	20. 39	22.53

Barometer, range for month 765. 0mm. — 754.0 mm.
„ 71-yr. average for month 759.50 mm.
Thermometer, range for month 29.3°C — 12.4°C
„ 71-yr. average for month 22.48°C
Rain total for month 41.91 mm.
„ 71-yrs average for month 18.15 mm.
„ Total, Sept. 1st. to end of month 738.66 mm.
„ 71-yrs. average. Sept. 1st. to end of month 888.15 mm.

MAY 1955

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	14.1	15.7	14.8	14.9	61	58	76	65	11.1	177.0	
2	13.6	14.7	13.2	13.8	59	63	67	63	6.7	463.0	1.02
3	14.4	14.1	14.2	14.2	69	60	74	68	8.9	256.0	26.67
4	16.0	16.3	14.2	15.5	76	70	73	73	9.2	171.0	13.97
5	15.8	18.1	16.3	16.7	67	65	83	72	11.9	89.0	
6	17.4	17.8	17.6	17.6	74	70	83	76	12.3	85.0	
7	18.3	21.2	20.8	20.1	74	77	94	82	11.3	175.0	
8	22.0	13.8	13.3	16.4	77	41	43	54	5.0	98.0	
9	17.7	22.4	18.7	19.6	55	81	78	71	3.3	439.0	0.25
10	21.0	22.4	21.5	21.6	78	74	92	81	11.8	238.0	
11	21.0	22.6	17.4	20.3	78	71	75	75	12.5	98.0	
12	20.4	20.7	20.2	20.4	75	73	89	79	12.6	21.0	
13	19.8	18.0	17.2	18.3	73	67	78	73	9.2	121.0	
14	16.1	19.4	17.9	17.8	64	61	79	68	12.1	74.0	
15	18.6	19.4	18.6	18.9	69	61	79	70	10.4	18.0	
16	17.2	17.7	17.9	17.6	68	63	80	70	8.9	64.0	
17	19.0	19.8	19.9	19.6	74	74	81	76	8.1	373.0	
18	20.3	21.1	21.4	20.9	67	70	82	73	12.0	95.0	
19	20.7	21.5	20.8	21.0	73	66	80	73	9.3	72.0	
20	22.0	20.1	20.5	20.9	76	71	84	77	5.2	209.0	
21	20.7	21.1	20.7	20.8	73	62	82	72	12.4	172.0	
22	21.5	22.1	21.3	21.6	73	59	86	73	11.3	82.0	
23	21.2	24.9	23.3	23.1	77	69	91	79	11.7	544.0	
24	22.4	23.3	22.0	22.6	74	66	85	75	11.8	541.0	
25	17.7	20.0	19.3	19.0	61	57	79	66	11.7	43.0	
26	20.1	20.0	19.6	19.9	71	63	75	70	12.5	109.0	
27	19.8	22.1	19.2	20.4	66	60	72	66	12.5	64.0	
28	19.6	20.6	21.0	20.4	60	58	79	66	11.8	26.0	
29	23.3	25.1	23.7	24.0	74	67	86	76	11.5	240.0	
30	24.1	24.7	25.9	24.9	75	64	90	76	12.0	370.0	
31	24.1	24.7	23.3	24.0	75	65	80	73	12.1	462.0	
	19.35	20.17	19.22	19.57	70.5	65.3	79.8	72.0	10.42	193.19	1.35

Height of Barometer above sea level : 53.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	5cu-ci	3cu-st	3.0	2sw	1sw	1sw	light	
2	10cu-st	10cu-st	6cu-st	8.7	1sw	2sw	2w	,,	D. a.m
3	9cu-st	8cu-st	10cu-st	9.0	2sw	2w	1sw	,,	
4	7cu-st	6cu-st	10cu-st	7.7	1sw	1sw	1sw	,,	T. a.m M.p.m
5	0	3cu-st	0	1.0	1sw	1sw	1sw	,,	H. a.m. p.m.M.p.m
6	4cu-st	0	10st	4.7	1ne	1n	1ne	light	H. a.m p.m. D.a.m
7	6ci	8ci	10ci	8.0	1n	1n	1ne	,,	D.H.a.mp.m.M.p.m
8	10ci-st	10st	10st	10.0	1ne	1ne	1e	,,	D.a m
9	10st	10cu-st	0	6.7	1e	2sw	1sw	,,	H. M. p. m
10	9st	6st	1st	5.3	2sw	2sw	1w	,,	H. D. a.m. p.m.
11	0	0	0	0.0	1sw	1w	1w	light	D. H. a.m p.m
12	0	2st	0	0.7	1sw	1nw	1n	,,	D.H. a.m H. M. p.m
13	1cu	9cu-st	3cu-st	4.3	1sw	2w	1w	,,	D. a.m
14	2cu	3cu	2cu-st	2.3	1sw	1w	1n	,,	
15	3cu-st	10st	10st	7.7	1sw	1w	1w	,,	
16	9ci-st	0	0	3.0	1nw	1n	1ne	light	D. p.m
17	8cu-st	10st	2ci	6.7	2ne	2ne	1ne	,,	
18	0	6cu-st	10st	5.3	2ne	1ne	1ne	,,	H.a.m.
19	1cu-st	10st	7st	6.0	1w	1n	1w	,,	
20	10st	10st	2st	7.3	1sw	2sw	1sw	,,	D. p.m
21	3st	1st	0	1.3	1sw	1sw	1sw	light	D.p.m.
22	4cu-st	0	10st	4.7	1sw	1sw	1sw	,,	D. p.m.
23	6st	0	2st	2.7	1sw	1sw	2sw	,,	H.D.p.m
24	1cu-st	1cu	1cu-st	1.0	3sw	2sw	1sw	slight	H. all day
25	0	0	0	0.0	1sw	2sw	1sw	light	H.p.m
26	6cu-st	0	0	2.0	1sw	1ne	1ne	light	
27	0	0	0	0.0	1ne	1ne	1ne	,,	
28	0	0	0	0.0	1sw	1n	1n	,,	D. p.m
29	0	0	0	0.0	1sw	1sw	1sw	,,	D. p.m
30	0	0	0	0.0	2sw	2sw	1w	,,	D. p.m H. all day
31	0	0	0	0.0	2sw	2sw	1sw	,,	H. all day
	mean			3.84					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	5	1	0	0	22	1	1	0	31
14:30	4	5	0	0	0	15	6	1	0	31
20:30	3	7	1	0	0	13	7	0	0	31
Total	8	17	2	0	0	50	14	2	0	93

Number of days with rain 4, fog 0, thunderstorms 1, gale. 0
71 yr. av. number of days with rain during month 3.08